

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 153 | "360"/\$.ccls.and (slider) and ("actuator" same (bandwidth)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 19:35 |
| L2 | 49 | "360"/\$.ccls.and (slider) and ("actuator" same (servo adj bandwidth)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 19:40 |
| L3 | 75 | "360"/\$.ccls. and ("actuator" same (servo adj bandwidth)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 19:42 |
| L4 | 2 | I3 and ("1.5 kHz") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 19:41 |
| L5 | 12 | "369"/\$.ccls. and ("actuator" same (servo adj bandwidth)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 19:42 |
| S1 | 179 | 360/294.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 16:27 |
| S2 | 168 | S1 and "piezoelectric" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 17:52 |
| S3 | 20 | S1 and ("piezoelectric" same "C-shaped" or (c near2 shape\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 17:12 |
| S4 | 2 | "20020039261".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 13:54 |
| S5 | 2 | "6587313".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 13:58 |

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| S6 | 2 | "6624553".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 13:58 |
| S7 | 6 | S1 and ("piezoelectric" same spiral) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:06 |
| S8 | 4 | ((("6249402") or ("5781381"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:09 |
| S9 | 8 | ((("6181531") or ("6118637") or ("6069771") or ("5882532"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:22 |
| S10 | 6 | ((("10177772") or ("2000182341") or ("11273041"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S11 | 0 | "360"". ""64".S1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S12 | 38 | "360/264.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S13 | 145 | "360/264.2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S14 | 51 | "360/264.3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:40 |
| S15 | 17 | "360/264.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |

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| S16 | 16 | "360/264.5.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S17 | 24 | "360/264.6.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S18 | 87 | "360/264.7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S19 | 53 | "360/264.8.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S20 | 49 | "360/264.9.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S21 | 33 | "360/266.9.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S22 | 31 | "360/266.8.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S23 | 48 | "360/266.7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S24 | 58 | "360/266.5.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S25 | 31 | "360/266.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |

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| S26 | 26 | "360/266.3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S27 | 55 | "360/266.2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S28 | 50 | "360/266.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:41 |
| S29 | 90996 | ((piezoelectric or PZT) same "C-shaped" or (c near2 shape\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 14:42 |
| S30 | 2 | "5943189".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 16:27 |
| S31 | 14 | ("4605977" "4651242" "4853810" "5021906" "5105408" "5189578" "5276573" "5282190" "5313352" "5423207" "5517472" "5570336" "5657188" "5757573").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/11 16:34 |
| S32 | 179 | 360/294.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 17:13 |
| S33 | 10 | S32 and ("piezoelectric" same "S-shaped" or (s near2 shape\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 17:13 |
| S34 | 5 | ("20010055182" "20030053264" "6166890" "6404600" "6512659"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/11 17:13 |
| S35 | 18 | S32 and ("piezoelectric" same (notch or recess)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 18:05 |

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| S36 | 2 | "2000348321".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 17:57 |
| S37 | 29 | "360"/\$.cls.and (slider) and ("piezoelectric" same (notch or recess)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 19:29 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 179 | 360/294.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 19:57 |
| L2 | 90 | L1 and ("piezoelectric" same (electrodes or interconnects)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 20:04 |
| L3 | 2 | L1 and ("piezoelectric" same interconnects) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 20:06 |
| L4 | 11 | L1 and ("piezoelectric" same interconnect\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/11 20:07 |